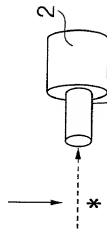


Fig. 1

SAMPLE 1 RADIOACTIVATED BY IRRADIATION
WITH THERMAL NEUTRONS



COUNT

MEASURING GAMMA-RAYS
WITH A SINGLE DETECTOR

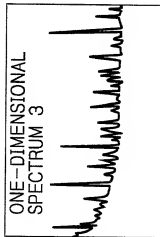


Fig. 2

SAMPLE 1 RADIOACTIVATED BY IRRADIATION
WITH THERMAL NEUTRONS FROM REACTOR

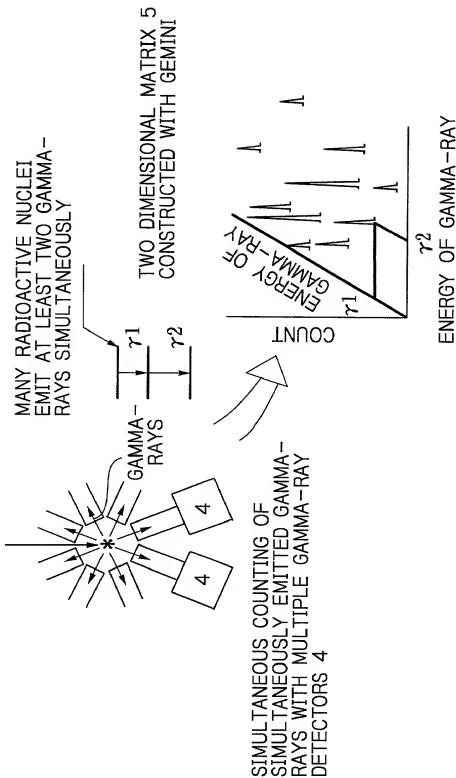
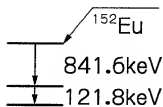
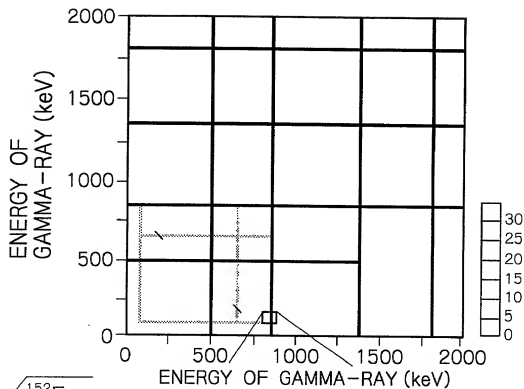


Fig. 3



PEAKS FOR TWO
GAMMA-RAYS
(841.6keV AND 121.8keV)
FROM $^{152}\text{Eu} \rightarrow 4 \times 10^{-9} (4\text{ppb})$

